REMARKS

Claims 1-82 were presented for examination and were pending in this application. In an Office Action dated January 19, 2005, Figure 1 was objected to and claims 1-82 were rejected. Applicants thank Examiner for examination of the claims pending in this application and addresses Examiner's comments below. In addition, Applicant thanks Examiner and her supervisor for the Examiner interview dated March 8, 2004. The substance of that interview is incorporated by reference herein as required by MPEP § 713.04.

Objection to the Drawings

On page 2 of the Office action, Examiner has objected to Figure 1 stating that the word "association" is spelled incorrectly. Applicants have amended Figure 1, box labeled 22, to change "Augmenting the source data filed with the generated association" to "Augmenting the source data filed with the generated association". A replacement Figure 1 is attached to this Amendment A and Response showing this change. In addition, for Examiner's convenience, a marked copy of this change is also attached. Applicants submit that no new matter has been added.

Approval of the Proposed Drawing Changes is respectfully requested. It is also respectfully requested that the Examiner explicitly indicate his approval thereof in the next official communication.

Response to Claim Rejections

Claims 1, 7, 21, 30, 40, 41, 47-49, 51, 52, 58-60, 62, 63, 80, and 82 are amended herein. No claims are cancelled or added. These changes are believed not to introduce new matter, and their entry is respectfully requested. The claims have been amended to expedite

the prosecution of the application in a manner consistent with the Patent Office Business Goals, 65 Fed. Reg. 54603 (Sept. 8, 2000). In making these amendments, Applicants have not and do not narrow the scope of the protection to which Applicants consider the claimed invention to be entitled and do not concede that the subject matter of such claims was in fact disclosed or taught by the cited prior art. Rather, Applicants reserve the right to pursue such protection at a later point in time and merely seeks to pursue protection for the subject matter presented in this submission.

Based on the above Amendment and the following Remarks, Applicants respectfully request that Examiner reconsider all outstanding objections and rejections, and withdraw them.

Response to Rejection Under 35 USC § 112, Paragraph 2

On the 4th page of the Office action, Examiner has rejected claims 7-18, 40, 47-51 and 58-62 as allegedly not specifically pointing out and distinctly claiming the subject matter that the Applicants regard as the invention. With respect to claims 7-18, Examiner notes that claim 7 is dependent on itself. Applicant herein amends claim 7 to depend from claim 6. This amendment now obviates the basis for the rejection to this claim. Further, since claims 8-18 depend on claim 7 (either directly or indirectly), this amendment also should obviate the basis for the rejection to claims 8-18 and withdrawal of the rejection is requested with respect to these claims.

With respect to claims 47-49 and 58-60, Examiner notes that recitation of "the analyzing strategy" has no antecedent basis. Applicants herein amend claims 47-49 to depend from claim 46 and claims 58-60 to depend from claim 57. Both claim 46 and claim 57 initially recite "an analyzing strategy." This amendment now obviates the basis for the

rejection to claims 47-49 and 58-60 and withdrawal of the rejection is requested with respect to these claims.

With respect to claims 40, 51, and 62, Examiner rejected these claims for improper antecedent basis for recitation of "the natural language text." The claims are herein amended to now recite "a natural language text." This amendment now obviates the basis for the rejection of these claims and withdrawal of the rejection is requested with respect to these claims.

With respect to claim 80, Examiner rejected this claims for improper antecedent basis for recitation of "the hypertext link." The claims are herein amended to delete "the hypertext link" and now recite "the hyperlink," which is recited in the intermediary claims. Thus, Applicants submit that the basis for the rejection of this claim is now obviated and requests removal of the rejection to this claim.

It is noted that the claim amendments with respect to the rejection under 35 USC § 112, second paragraph is to correct ministerial type errors. These amendments do not narrow the scope of protection with respect to the prior art, or with respect to potentially infringing systems or methods.

Response to Rejection Under 35 USC 102(b)

In the 2nd paragraph of the Office Action, Examiner rejects claims 30-38, 41-49, 52-60 and 62 under 35 USC § 102(b) as allegedly being anticipated by U.S. Patent No. 5,764,906 to Edelstein et al. ("Edelstein"). This rejection is now traversed.

Independent claims 30, 41, and 52 recited a method of augmenting structured data stored in a source data file with unstructured data stored in a reference database. In claim 30, this method comprises:

reading a structured datum from a source data file;

locating a reference datum in a reference database corresponding to the read structured datum;

generating an association of additional information to the read structured datum based upon the located reference datum; and

augmenting the source data file with the generated association, wherein the additional information from the generated association is displayable with the structured datum in response to a request for the source data file.

Likewise, claim 41 (and generally claim 52) has been amended to include recitation, *inter alia,* of:

. . .

means for augmenting the source data file with the generated association, wherein the generated association of the located reference datum is displayable with the read structured datum.

The claimed invention beneficially is configured to read, from a source data file, structured datum, e.g., a block of text on a web page, and locate in a reference database reference data, e.g., additional information such as a block of text or a URL, that is then associated with the read structured datum. The resulting source data file is augmented such that reference data associated from the reference database is displayable with the read structured datum.

The cited reference, Edelstein, does not disclose the claimed invention of claims 30, 41, or 52. Edelstein discloses that the object of its system is to "provide shortened, convenient, mnemonic method for denoting and accessing Electronic Resources on a Network such the Internet." (Edelstein, col. 4, lines 22-24). A database in Edelstein maps the mnemonic to a URL. (Id., col. 4, lines 25-30). The mnemonic and database are merely a mapping mechanism for a URL address that links to another file. (See also, Id., col. 4, line 59 to col. 5, line 10 and col. 6, lines 39-56).

However, the mapping system in Edelstein does not disclose augmenting the base file as Applicants' claim. Rather, the Office action cites to col. 8, lines 36-38 in Edelstein, which discloses that the "Client computer [] deletes the out-of date Resource Alias Record from its local cache." (Emphasis added). Such action by the system in Edelstein is the opposite of augmenting information as Applicants' claim. Thus, Edelstein fails to at least disclose "augmenting the source data file with the generated association, wherein the additional information from the generated association is displayable with the structured datum in response to a request for the source data file" as is recited by, for example, claim 30 (and similarly recited in claims 41 and 52).

Hence, in view of the claim amendments and remarks above, Applicants respectfully submit that for at least these reasons claims 30, 41, and 52 are patentably distinguishable over the cited reference. Further, because claims 31-40, 42-51, and 53-62 are dependent on claims 30, 41, and 52, respectively, all arguments advanced above with respect to claims 30, 41, and 52 are hereby incorporated so as to apply to claim 31-40, 42-51, and 53-62. Therefore, Applicants respectfully request that Examiner reconsider the rejection, and withdraw it.

Response to Rejection Under 35 USC 103(a) in View of Edelstein, Tabb and Skillen

On page 8, the 3rd paragraph, of the Office Action, Examiner rejects claims 1-15, 19-29, 63-77 and 79-82 under 35 USC § 103(a) as allegedly being unpatentable in view of Edelstein and U.S. Patent No. 5,603,025 to Tabb et al. ("Tabb"). This rejection is now respectfully traversed.

Similar to claims 30, 41 and 42, claims 1, 21, and 63 also recite augmenting a structured datum in a source data file with data from a reference data base. For example, claim 1 recites, *inter alia*,

> a generating component configured to:
>
> generate a hyperlink based upon the association; and
>
> embed the generated hyperlink in the source data file to create an augmented data file wherein the embedded generated hyperlink is displayable with the identified structured datum on a client system.

As noted above, such claimed recitation is not disclosed in Edelstein. Nor does Tabb correct this deficiency as Tabb is directed to a relational database management system that includes hyperlinks to link with other reports. (Tabb, col. 18, lines 4-65). However, the master tables and hyperlinked tables in Tabb are linked within the same database and are not an association of a source data file and reference data in the database that are displayable as such.

Moreover, assuming that the hyperlink tables are an association as claimed (which Applicants do not concede), the system in Tabb still does not augment a source data file as is claimed. Tabb does disclosed adding hyperlinks to a table (see, e.g., col. 18, lines 3-44), but its system does not appear to be configured to "embed the generated hyperlink in the source data file to create an augmented data file wherein the embedded generated hyperlink is displayable with the identified structured datum on a client system," as is claimed. Hence, for at least this reason the combination of Edelstein and Tabb fails to disclose the claimed invention.

On page 18, in the 4th paragraph, of the Office action, Examiner rejects claims 16-18 and 78 under 35 USC § 103(a) as allegedly being unpatentable in view of Edelstein, Tabb and U.S. Patent No. 6,098,065 to Skillen et al. ("Skillen"). Similarly, the 5th paragraph of the

Office action, Examiner rejects claims 39, 40, 50, 51 and 61 under 35 USC § 103(a) as allegedly being unpatentable in view of Edelstein, as applied to claims 38, 49, and 60, and further in view of Skillen. These rejections are respectfully traversed. Skillen, like Edelstein and Tabb fails to disclose, e.g., the claimed limitation of "embed[ing] the generated hyperlink in the source data file to create an augmented data file wherein the embedded generated hyperlink is displayable with the identified structured datum on a client system" as is recited in the base claim.

Moreover, with respect to, for example, representative claim 16, Edelstein does not disclose an "analyzer component" at col. 8, lines 25-36. Rather, this passage in Edelstein discloses a routine for periodic update of client computer Resource Aliases and Resource Alias Records. Combining this reference with Skillen would provide a system that uses a fuzzy logic to search for updates of a client computer. In contrast, the claimed invention includes analyzer component that is "configured to associate the identified structured datum to the one reference datum to create an association according to an analyzing strategy," which is also described in Applicants' specification, e.g., on page 5, lines 1-12. Hence, for at least this reason, claims 16-18, 39, 40, 50, 51, 61, and 78 are patentably distinguishable over the combination of Edelstein, Tabb, and Skillen.

Conclusion

In sum, Applicants respectfully submit that claims 1 through 82, as presented herein, are now patentably distinguishable over the cited references (including references cited, but not applied). Therefore, Applicants request reconsideration of the basis for the rejections to these claims and request allowance of them.

In addition, Applicants respectfully invite Examiner to contact Applicants'

representative at the number provided below if Examiner believes it will help expedite

furtherance of this application.

Respectfully Submitted,
Douglas Stevenson and Craig Allen Gooding

Date: __April 19, 2005__   By: ___[signature]___

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IN THE DRAWINGS

In Figure 1, box label 22, change "Augmenting the source data filed with the generated ~~association~~" to "Augmenting the source data filed with the generated <u>association</u>". A replacement Figure 1 is attached to this Amendment A and Response showing this change.
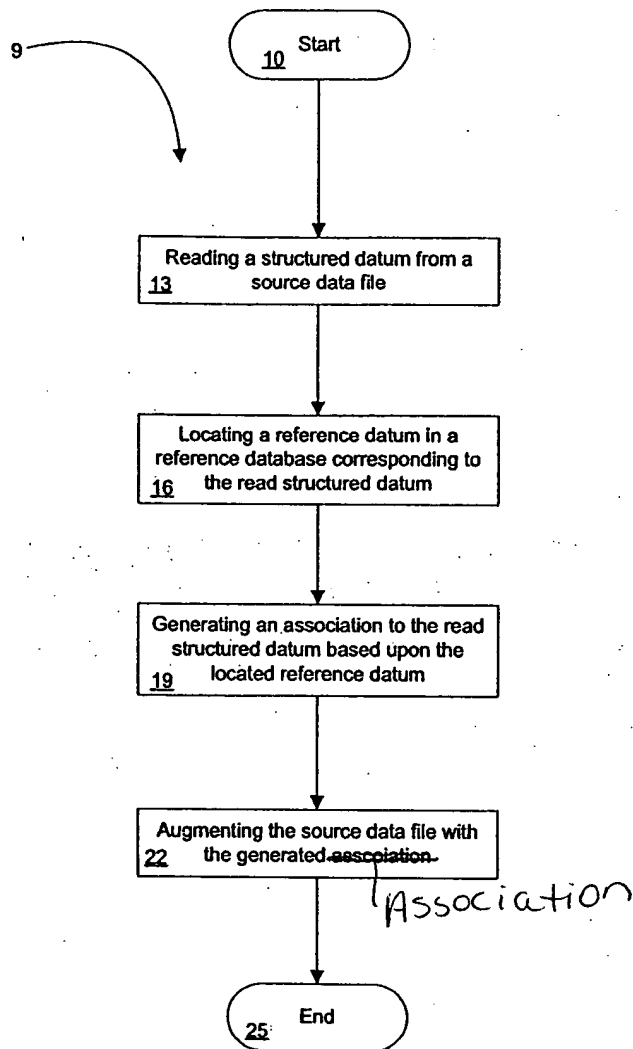
9 →

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        ┌─────────────┐
        │  10  Start  │
        └─────────────┘
               │
               ▼
   ┌───────────────────────────┐
   │ Reading a structured datum from a │
   │ 13        source data file │
   └───────────────────────────┘
               │
               ▼
   ┌───────────────────────────┐
   │  Locating a reference datum in a │
   │ reference database corresponding to │
   │ 16      the read structured datum │
   └───────────────────────────┘
               │
               ▼
   ┌───────────────────────────┐
   │ Generating an association to the read │
   │   structured datum based upon the │
   │ 19        located reference datum │
   └───────────────────────────┘
               │
               ▼
   ┌───────────────────────────┐
   │ Augmenting the source data file with │
   │ 22      the generated ~~asscoiation~~. │
   └───────────────────────────┘
                         ( Association
               │
               ▼
        ┌─────────────┐
        │  25   End   │
        └─────────────┘
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FIG. 1